

Claims

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1. An e-commerce based method for requesting information and purchasing products from a dealer through a manufacturer, the method comprising:
    - 1 sending a request for detailed dealer information to a manufacturer server system using a client system;
    - 2 displaying real-time detailed dealer information on said client system based on said request;
    - 3 receiving said real-time detailed dealer information from said manufacturer server system; and
    - 4 accessing said real-time detailed dealer information with said manufacturer server system from a remote dealer server system via a middleware application system.
  2. The method of Claim 1, further including sending a quote number from said remote dealer server system with said detailed dealer information for identifying said request.
  3. The method of Claim 2, further including purchasing an item with said client system that further includes the steps of:
    - 1 sending said quote number to said manufacturer server system;

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- sending said quote number with said manufacturer server system to said remote dealer server system via said middleware application system;
- completing said purchasing with said remote dealer server system;
- 5 sending a confirmation number to said manufacturer server system; and
- sending said confirmation number with said manufacturer server system to said client system.
- 10 4. The method of Claim 1, wherein said real-time detailed dealer information is selected from the group consisting of dealer-level inventory, pricing, and sales information.
- 15 5. The method of Claim 1, further including displaying consumer personalized data received from said manufacturer server system on said client system.
- 20 6. The method of Claim 5, wherein said consumer personalized data information is selected from the group consisting of weather, investments, stock portfolio, news and links.
- 25 7. The method of Claim 6, wherein said news is selected from the group consisting of local, national, international and industrial.

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8. An e-commerce based system for requesting information and purchasing products from a dealer through a manufacturer, the system comprising:
- a client system;
- 5           a manufacturer server system in communication with said client system, said manufacturer server system having a middleware application system; and
- a remote dealer server system in
- 10          communication with said middleware application system to provide real-time detailed dealer information to said manufacturer server system via said middleware application system with said manufacturer server system able to send said real-time detailed dealer
- 15          information to said client system for displaying.
9. The system of Claim 8, wherein said remote dealer server system sends a quote number with said detailed dealer information to said manufacturer server system via said middleware application system.
10. The system of Claim 9, wherein said client system purchases an item by sending said quote number to said manufacturer server system, said manufacturer server system then sends said quote number to said remote dealer server system via said middleware application system, said remote dealer server system then completes said purchase and sends a confirmation number to said manufacturer server

system, said manufacturer server system then sends said confirmation number to said client system.

11. The system of Claim 8, said real-time  
5 detailed dealer information is selected from the group consisting of dealer-level inventory, pricing, and sales information.

12. The system of Claim 8, wherein said  
10 client system displays consumer personalized data received from said manufacturer server system.

13. The system of Claim 12, wherein said consumer personalized data information is selected  
15 from the group consisting of weather, investments, stock portfolio, news and links.

14. The system of Claim 13, wherein said news is selected from the group consisting of local,  
20 national, international and industrial.

15. An e-commerce based method for requesting information and purchasing products from a dealer through a manufacturer, the method comprising:  
25 creating an item list using a client system; sending said item list to a manufacturer  
~~server system~~

displaying real-time detailed dealer information on said client system based on said item list;

receiving said real-time detailed dealer  
information from said manufacturer server system; and  
accessing said real-time detailed dealer  
information with said manufacturer server system from  
a remote dealer server system via a middleware  
application system

10                 16. The method of Claim 15, further  
including sending a quote number from said remote  
dealer server system with said detailed dealer  
information to identify the items listed on said item  
15                 list.

17. The method of Claim 16, further including purchasing said items with said client system further including the steps of:

20                    sending said quote number to said  
manufacturer server system;  
  
                      sending said quote number with said  
manufacturer server system to said remote dealer  
server system via said middleware application system;  
  
25                    completing said purchasing with said remote  
dealer server system;  
  
                      sending a confirmation number to said  
manufacturer server system; and

sending said confirmation number with said manufacturer server system to said client system.

18. The method of Claim 15, wherein said  
5 real-time detailed dealer information is selected from the group consisting of dealer-level inventory, pricing, and sales information.

19. The method of Claim 15, further  
10 including displaying consumer personalized data received from said manufacturer server system on said client system.

20. The method of Claim 19, wherein said  
15 client system consumer personalized data information is selected from the group consisting of weather, investments, stock portfolio, news and links.

21. The method of Claim 20, wherein said  
20 news is selected from the group consisting of local, national, international and industrial.

22. An e-commerce based system for  
requesting information and purchasing products from a  
25 dealer through a manufacturer, the system comprising:  
a client system for creating an item list;  
a manufacturer server system for receiving  
said item list; and

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a remote dealer server system for sending real-time detailed dealer information to said manufacturer server system via a middleware application system based on said item list received from said manufacture server system via said middleware application system and said manufacturer server system for sending said real-time detailed dealer information to said client system for displaying.

23. The system of Claim 22, wherein said  
remote dealer server system for sending a quote number  
to identify the item listed on said item list with  
said detailed dealer information to said manufacturer  
server system via said middleware application system.

24. The system of Claim 23, wherein said client system for purchasing said item listed on said item list by sending said quote number to said manufacturer server system with said manufacturer server system then sending said quote number to said remote dealer server system via said middleware application system, said remote dealer server system then completing said purchase and sending a confirmation number to said manufacturer server system, said manufacturer server system then sending said confirmation number to said client system.

25. The system of Claim 22, wherein said real-time detailed dealer information is selected from the group consisting of dealer-level inventory, pricing, and sales information.

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26. The system of Claim 22, wherein said client system displays consumer personalized data received from said manufacturer server system.

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27. The system of Claim 26, wherein said client system consumer personalized data information is selected from the group consisting of weather, investments, stock portfolio, news and links.

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28. The system of Claim 27, wherein said news is selected from the group consisting of local, national, international and industrial.

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*Draft* 29. An e-commerce based method of providing a systemization of machine parts to a consumer, said method comprising the steps of:

collecting information from said consumer regarding a machine;

selecting a system of machine parts from at least two available systems, wherein each of said available systems includes at least two different components of machine parts;

selecting a component of machine parts,  
wherein each of said available components includes at  
least one group of machine parts;

5 selecting a group of machine parts, and  
wherein each of said available systems, sections, and  
group are adapted to correspond to machine parts  
within said machine; and

10 providing information to said consumer  
regarding machine parts which are included in said  
selected system, section, and group thereby allowing  
said consumer to use said systemization of machine  
parts.

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30. The e-commerce based method of Claim 29,  
wherein said step of collecting information from said  
consumer regarding a machine includes product, model,  
and configuration type.

20 31. An e-commerce based method of providing  
a systemization of machine parts to a consumer, said  
method comprising:

25 collecting information from said consumer  
regarding a machine;  
selecting a system of machine parts from at  
least two available systems, wherein each of said  
available systems includes at least two different  
components of machine parts;

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- selecting a component of machine parts,  
wherein each of said available components includes at  
least two different groups of machine parts;
- selecting a group of machine parts, wherein
- 5   each of said available groups is comprised of at least  
one individual part of machine parts;
- selecting an individual part of machine  
parts, and wherein each of said available systems,  
components, groups, and individual part are adapted to  
correspond to machine parts within said machine; and
- providing information to said consumer  
regarding machine parts which make up said selected  
system, component, group, and individual part thereby  
allowing said consumer to use said systemization of
- 10   machine parts.
32. The e-commerce based method of Claim 31,  
wherein said step of collecting information from said  
consumer regarding a machine includes a product,  
model, and configuration type.
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